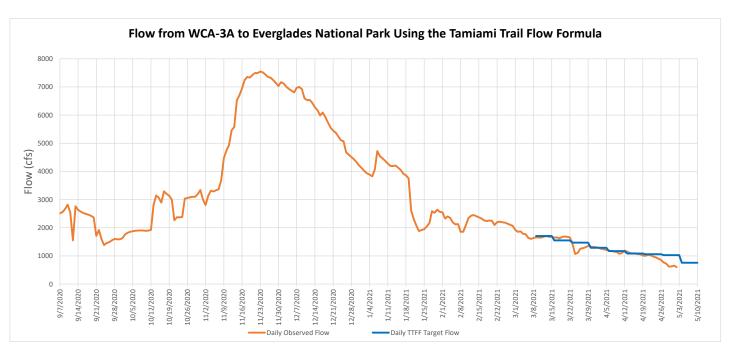
## Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

Daily Target Flow for			5/4/2021	to	5/10/2021	757	cfs
Observed Stage Data							
<u>Station</u>	<u>Variable</u>			on	4/30/2021	<u>Value</u>	<u>Unit</u>
WCA-3A (Average for Site 63, 64 and 65)	Average Daily Stage					9.10	ft-NGVD29
NESRS2	Average Daily Stage						ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage					9.71	ft-NGVD29
<b>Observed Flow Data</b>							
<u>Station</u>	<u>Variable</u>	From	4/24/2021	to	4/30/2021	<u>Value</u>	<u>Unit</u>
S-12A	7-day Average Daily Flow					0	cfs
S-12B	7-day Average Daily Flow					0	cfs
S-12C	7-day Average Daily Flow					0	
S-12D	7-day Average Daily Flow					93	
S-333	7-day Average Daily Flow					293	
S-333N	7-day Average Daily Flow						cfs
S-334	7-day Average Daily Flow					0	
S-12s Total	7-day Average Daily Flow						cfs
S333 + S333N - S334 <sup>1</sup>	7-day Average Daily Flow						cfs
Total Flow to ENP	7-day Average Daily Flow					778	cfs
Meteorological Data							
<u>Forecasted</u>		From	4/30/2021	to	5/6/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Foreca	ast (QPF)					0.39	in
3AS3WX - 7-day Total Forecasted PET						1.34	in
<u>Observed</u>		From	4/24/2021	to	4/30/2021	<u>Value</u>	<u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfal	II					0.06	in
3AS3WX 7-day Total Observed PET						1.34	in
	TTFF A	pplicati	on				
1 Previous week target flow (calc	1 Previous week target flow (calculated with forecasted 7-day QPF and PET)					995	
2 Previous week target flow (recalculated with observed rainfall and PET)						963	
3 Adjustment for forecast (2-1)						cfs	
4 This week calculated target flow					789		
5 This week target flow with adjustment (3 + 4)					757	cfs	
Average Daily Target Flow <sup>2</sup>					757	cfs	

TTFF formula coefficients								
WCA-3A Average Stage (β1) NESRS2 Stage (β2) Previous 7-α	day Average Flow (β3) Forecast Precipitation (β	Porecast PET (β5)	Regulation Schedule Stage (β6)					
318.42 -44.62	0.644 24.32	-96.31	-221.79					

Target flow is distributed from east to west (S-333, S-12D, S-12C, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

<sup>&</sup>lt;sup>2</sup>Actual discharges may vary from target discharges because of changing hydrologic conditions.



<sup>&</sup>lt;sup>1</sup>S-333 + S-333N - S-334 becomes zero if the sum of S-333 and S-333N is less than S-334 flow. Calculation is done daily.